Claims

[c1]   A method for facilitating biometric security in a smart-card transaction system comprising: proffering a biometric to a biometric sensor communicating with said system to initiate verification of a biometric sample for facilitating authorization of a transaction.

[c2]   The method of claim 1, further comprising registering at least one biometric sample with an authorized sample receiver.

[c3]   The method of claim 2, wherein said step of registering further includes at least one of: contacting said authorized sample receiver, proffering a biometric to said authorized sample receiver, processing said biometric to obtain a biometric sample, associating said biometric sample with user information, verifying said biometric sample, and storing said biometric sample upon verification.

[c4]   The method of claim 1, wherein said step of proffering further includes proffering a biometric to a biometric sensor communicating with said system to initiate at least one of: storing, comparing, and verifying said bio-

metric sample.

[c5] The method of claim 1, wherein said step of proffering a biometric to a biometric sensor communicating with said system to initiate verification further includes processing database information, wherein said database information is contained in at least one of a smartcard, smartcard reader, sensor, remote server, merchant server and smartcard system.

[c6] The method of claim 1, wherein said step of proffering a biometric to a biometric sensor communicating with said system to initiate verification further includes comparing a proffered biometric sample with a stored biometric sample.

[c7] The method of claim 6, wherein said step of comparing includes comparing a proffered biometric sample to a stored biometric sample by using at least one of a third-party security vendor device and local CPU.

[c8] The method of claim 1, wherein said step of proffering a biometric to a biometric sensor communicating with said system to initiate verification further includes at least one of detecting, processing and storing at least one second proffered biometric sample.

[c9] The method of claim 1, wherein said step of proffering a

biometric to a biometric sensor communicating with said system to initiate verification further includes the use of at least one secondary security procedure.